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| | | | |
|--------------|---|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | OCT 02 | CA/Capius enhanced with pre-1907 records from Chemisches Zentralblatt |
| NEWS | 3 | OCT 19 | BEILSTEIN updated with new compounds |
| NEWS | 4 | NOV 15 | Derwent Indian patent publication number format enhanced |
| NEWS | 5 | NOV 19 | WPIX enhanced with XML display format |
| NEWS | 6 | NOV 30 | ICSD reloaded with enhancements |
| NEWS | 7 | DEC 04 | LINPADOCDB now available on STN |
| NEWS | 8 | DEC 14 | BEILSTEIN pricing structure to change |
| NEWS | 9 | DEC 17 | USPATOLD added to additional database clusters |
| NEWS | 10 | DEC 17 | IMSDRUGCONF removed from database clusters and STN |
| NEWS | 11 | DEC 17 | DGENE now includes more than 10 million sequences |
| NEWS | 12 | DEC 17 | TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment |
| NEWS | 13 | DEC 17 | MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary |
| NEWS | 14 | DEC 17 | CA/Capius enhanced with new custom IPC display formats |
| NEWS | 15 | DEC 17 | STN Viewer enhanced with full-text patent content from USPATOLD |
| NEWS | 16 | JAN 02 | STN pricing information for 2008 now available |
| NEWS | 17 | JAN 16 | CAS patent coverage enhanced to include exemplified prophetic substances |
| NEWS | 18 | JAN 28 | USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats |
| NEWS | 19 | JAN 28 | MARPAT searching enhanced |
| NEWS | 20 | JAN 28 | USGENE now provides USPTO sequence data within 3 days of publication |
| NEWS | 21 | JAN 28 | TOXCENTER enhanced with reloaded MEDLINE segment |
| NEWS | 22 | JAN 28 | MEDLINE and LMEDLINE reloaded with enhancements |
| NEWS | 23 | FEB 08 | STN Express, Version 8.3, now available |
| NEWS | 24 | FEB 20 | PCI now available as a replacement to DPCI |
| NEWS | 25 | FEB 25 | IFIREF reloaded with enhancements |
| NEWS | 26 | FEB 25 | IMSPRODUCT reloaded with enhancements |
| NEWS | 27 | FEB 29 | WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification |
| | | | |
| NEWS EXPRESS | FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008 | | |
| | | | |
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability | | |
| NEWS LOGIN | Welcome Banner and News Items | | |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 | | |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:56:20 ON 13 MAR 2008

```
=> FILE REG
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.21        0.21
```

FILE 'REGISTRY' ENTERED AT 12:56:48 ON 13 MAR 2008
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STRUCTURE FILE UPDATES: 12 MAR 2008 HIGHEST RN 1007632-31-6
DICTIONARY FILE UPDATES: 12 MAR 2008 HIGHEST RN 1007632-31-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

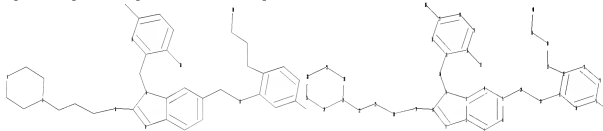
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

```
=>
Uploading C:\Program Files\Stnexp\Queries\10563691.str
```



chain nodes :
10 17 18 19 20 21 22 29 30 37 38 39 40 41
ring nodes :

```

1  2  3  4  5  6  7  8  9  11  12  13  14  15  16  23  24  25  26  27  28  31  32
33  34  35  36
chain bonds :
5-29  8-19  9-10  10-11  13-18  16-17  19-20  20-21  21-22  22-23  29-30  30-31
32-37  35-41  37-38  38-39  39-40
ring bonds :
1-2  1-6  2-3  2-7  3-4  3-9  4-5  5-6  7-8  8-9  11-12  11-16  12-13  13-14  14-15
15-16  23-24  23-28  24-25  25-26  26-27  27-28  31-32  31-36  32-33  33-34  34-35
35-36
exact/norm bonds :
2-7  3-9  7-8  8-9  8-19  9-10  16-17  19-20  22-23  23-24  23-28  24-25  25-26
26-27  27-28  29-30  30-31  39-40
exact bonds :
5-29  10-11  13-18  20-21  21-22  32-37  35-41  37-38  38-39
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  11-12  11-16  12-13  13-14  14-15  15-16  31-32
31-36  32-33  33-34  34-35  35-36

```

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom
29:CLASS 30:CLASS 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLASS
38:CLASS 39:CLASS 40:CLASS 41:CLASS

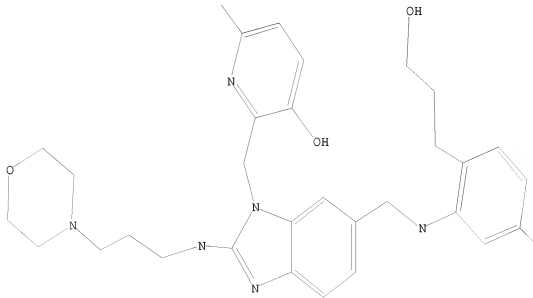
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L1 STRUCTURE UPLOADED

=> D L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 12:57:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> S L1 SSS FULL
FULL SEARCH INITIATED 12:57:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 54 TO ITERATE

100.0% PROCESSED 54 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L3 6 SEA SSS FUL L1

=> FILE CAPLUS
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 12:57:22 ON 13 MAR 2008
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FILE COVERS 1907 - 13 Mar 2008 VOL 148 ISS 11
FILE LAST UPDATED: 12 Mar 2008 (20080312/ED)

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=> S L3
L4 1 L3

=> D L4 IBIB ABS HITSTR

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:564655 CAPLUS
DOCUMENT NUMBER: 143:97374
TITLE: Preparation of morpholine containing benzimidazoles as inhibitors of respiratory syncytial virus replication
INVENTOR(S): Bonfanti, Jean-Francois; Andries, Koenraad Jozef

PATENT ASSIGNEE(S):
SOURCE:

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

Lodewijk; Fortin, Jerome Michel Claude; Muller,
Philippe; Doublet, Frederic Marc Maurice; Meyer,
Christophe; Willebrords, Rudy Edmond; Gevers, Tom
Valerius Josepha; Timmerman, Philip Maria Martha Bern
Tibotec Pharmaceuticals Ltd., Ire.
PCT Int. Appl., 144 pp.
CODEN: PIXXD2

Patent

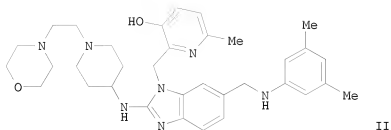
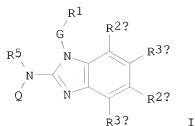
English

1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| WO 2005058871 | A1 | 20050630 | WO 2004-EP53620 | 20041220 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2004298460 | A1 | 20050630 | AU 2004-298460 | 20041220 |
| CA 2548668 | A1 | 20050630 | CA 2004-2548668 | 20041220 |
| EP 1697345 | A1 | 20060906 | EP 2004-817576 | 20041220 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU | | | | |
| CN 1894237 | A | 20070110 | CN 2004-80037825 | 20041220 |
| BR 2004017268 | A | 20070313 | BR 2004-17268 | 20041220 |
| JP 2007514720 | T | 20070607 | JP 2006-544467 | 20041220 |
| US 2007043022 | A1 | 20070222 | US 2006-563691 | 20060104 |
| IN 2006DN03140 | A | 20070824 | IN 2006-DN3140 | 20060601 |
| MX 2006PA07112 | A | 20060823 | MX 2006-PA7112 | 20060619 |
| KR 2007015507 | A | 20070205 | KR 2006-714047 | 20060712 |
| NO 2006003322 | A | 20060918 | NO 2006-3322 | 20060718 |
| PRIORITY APPLN. INFO.: | | | EP 2003-104810 | A 20031218 |
| | | | US 2004-567182P | P 20040430 |
| | | | EP 2004-105312 | A 20041026 |
| | | | WO 2004-EP53620 | W 20041220 |

OTHER SOURCE(S): MARPAT 143:97374

GI



AB The title compds. I [G = a direct bond or (un)substituted alkanediyl; R1 = Ar1 or a monocyclic or bicyclic heterocycle; Q = R7, pyrrolidinyl substituted with R7, piperidinyl substituted with R7 or homopiperidinyl substituted with R7; one of R2a and R3a = halo, optionally mono- or polysubstituted alkyl, optionally mono- or polysubstituted alkenyl, nitro, hydroxy, etc.; and the other one of R2a and R3a = H; in case R2a is different from H atom then R2b = H, alkyl or halogen and R3b = H; in case R3a is different from H atom then R3b = H, alkyl or halogen and R2b = H; R5 = H, alkyl; Ar1 = (un)substituted Ph; R7 = alkyl substituted with heterocycle or alkyl substituted with both a radical OR8 and a heterocycle; R8 = H, alkyl, Ar1alkyl; or a prodrug, N-oxide, addition salt, quaternary amine, metal complex or stereochem. isomeric form thereof] having inhibitory activity on the replication of the respiratory syncytial virus, were prepared E.g., a multi-step synthesis of II, starting from Et 3,4-diaminobenzoate, was given. The compds. I were tested for activity against RSV (data given). The pharmaceutical composition comprising the compound

I is disclosed.

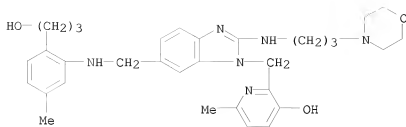
IT 857066-90-1P 857066-99-0P 857067-01-7P
857067-02-8P 857067-10-8P 857068-43-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of morpholine containing benzimidazoles as inhibitors of respiratory syncytial virus replication)

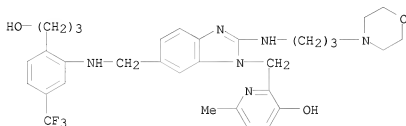
RN 857066-90-1 CAPLUS

CN 3-Pyridinol, 2-[[[6-[[[2-(3-hydroxypropyl)-5-methylphenyl]amino]methyl]-2-[[3-(4-morpholinyl)propyl]amino]-1H-benzimidazol-1-yl]methyl]-6-methyl-
(CA INDEX NAME)



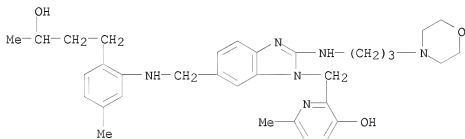
RN 857066-99-0 CAPLUS

CN 3-Pyridinol, 2-[[[6-[[[2-(3-hydroxypropyl)-5-(trifluoromethyl)phenyl]amino]methyl]-2-[[3-(4-morpholinyl)propyl]amino]-1H-benzimidazol-1-yl]methyl]-6-methyl- (CA INDEX NAME)



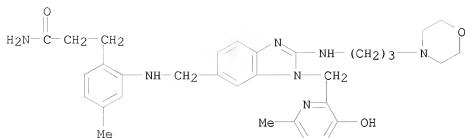
RN 857067-01-7 CAPLUS

CN 3-Pyridinol, 2-[[[6-[[[2-(3-hydroxybutyl)-5-methylphenyl]amino]methyl]-2-[[3-(4-morpholinyl)propyl]amino]-1H-benzimidazol-1-yl]methyl]-6-methyl- (CA INDEX NAME)



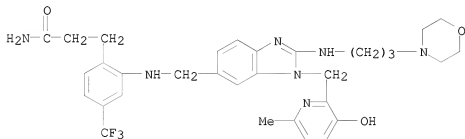
RN 857067-02-8 CAPLUS

CN Benzenepropanamide, 2-[[[1-[(3-hydroxy-6-methyl-2-pyridinyl)methyl]-2-[[3-(4-morpholinyl)propyl]amino]-1H-benzimidazol-6-yl]methyl]amino]-4-methyl- (CA INDEX NAME)



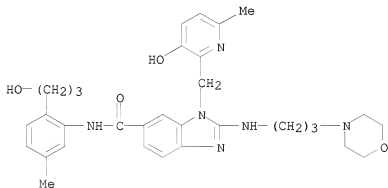
RN 857067-10-8 CAPLUS

CN Benzenepropanamide, 2-[[[1-[(3-hydroxy-6-methyl-2-pyridinyl)methyl]-2-[[3-(4-morpholinyl)propyl]amino]-1H-benzimidazol-6-yl]methyl]amino]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 857068-43-0 CAPLUS

CN 1H-Benzimidazole-6-carboxamide, 1-[(3-hydroxy-6-methyl-2-pyridinyl)methyl]-N-[2-(3-hydroxypropyl)-5-methylphenyl]-2-[[3-(4-morpholinyl)propyl]amino]- (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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